

Application No. 10/685,366
Response to OA of 08/18/2003

Amendments to the Claims

This listing of claims will replace all prior versions and listings of the claims:

1. (original) A method for communicating information from a private database to a wireless communication device, the method comprising:

receiving a private database access request from the wireless communication device, the private database access request including at least an appliance identification (ID) that uniquely identifies the wireless communication device;

comparing the appliance ID with a security indicia, the security indicia associated with the wireless communication device; and

communicating the information from the private database to the wireless communication device when the appliance ID corresponds to the security indicia.

2. (original) The method of claim 1, wherein the appliance ID is multiple-use identification indicia that is included in all communications from the wireless communication device.

3. (original) The method of claim 2, wherein the multiple-use identification indicia and the security indicia correspond to a telephone number of the wireless communication device.

4. (original) The method of claim 1, wherein the appliance ID is a unique identifier included in a header information of the private database access request from the received wireless communication device.

5. (original) The method of claim 1, wherein communicating further comprises transmitting the information as a radio frequency (RF) signal to the wireless communication device.

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6. (original) The method of claim 1, wherein receiving the private database access request further comprises receiving information selecting one of a plurality of different private databases wherein the selected private database is communicated to the wireless communication device when the appliance ID corresponds to the security indicia.

7. (original) The method of claim 1, further comprising:
receiving a second private database access request from a second wireless communication device, the second private database access request including at least a password generated by a user;

comparing the received password with a security code, the security code uniquely associated with the user; and

associating a second security indicia with a second unique appliance ID of the second wireless communication device when the received password corresponds to the security code, so that the private database is communicated to the second wireless communication device.

8. (original) The method of claim 7, further comprising saving the second unique appliance ID as the second security indicia uniquely associated with the second wireless communication device.

9. (original) The method of claim 7, further comprising:
receiving a subsequent private database access request from the second wireless communication device, the subsequent private database access request including at least the second unique appliance ID;
comparing the second unique appliance ID with the second security indicia; and
communicating the private database to the second wireless communication device when the second unique appliance ID corresponds to the second security indicia.

10. (original) The method of claim 1, further comprising:

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uniquely associating a plurality of unique appliance IDs with a plurality of unique security indicia, wherein one appliance ID uniquely identifies one of a plurality of wireless communication devices and wherein each of the security indicia are uniquely associated with one of a plurality of private databases;

receiving the private database access request from one of the plurality of wireless communication devices, the private database access request comprising at least the appliance ID of the transmitting wireless communication device and an access request to a selected private database selected from the plurality of private databases;

comparing the appliance ID of the transmitting wireless communication device with the plurality of unique security indicia; and

communicating the selected private database to the transmitting wireless communication device when the appliance ID corresponds to the security indicia of the selected private database.

11. (currently amended) The method of claim 1, further comprising receiving a communication from the wireless communication device that prevents association of the appliance ID with the security indicia so that communicating the information from the private database to the wireless communication device is prevented.

12. (original) A method for remotely accessing a private database residing in a remote database device using a wireless communication device, the method comprising:

transmitting a radio frequency (RF) communication to the remote database device, the RF communication comprising a private database access request and comprising an appliance identification (ID) that uniquely identifies the wireless communication device, such that when the appliance ID corresponds to a security indicia residing in the remote database device the private database is communicated from the remote database device; and

receiving a second RF communication comprising at least the private database only when the appliance ID corresponds to the security indicia.

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13. (original) The method of claim 12, further comprising communicating a multiple-use identification indicia corresponding to the appliance ID and that uniquely identifies the wireless communication device, and wherein the multiple-use identification indicia is included in all communications from the wireless communication device.

14. (original) The method of claim 13, wherein the multiple-use identification indicia is a phone number.

15. (original) The method of claim 13, further comprising:
transmitting an initial private database access request to the remote database device;
transmitting a password uniquely identifying a user of the wireless communication device; and
receiving the second RF communication comprising at least the private database only when the password corresponds to a security code residing in the remote database device, the security code associated with the user, and wherein the security code is associated with the security indicia of the private database.

16. (original) The method of claim 15, further comprising transmitting a subsequent private database access request to the remote database device, the subsequent private database access request comprising the appliance ID, such that the second RF communication is received only when the appliance ID corresponds to the security indicia.

17. (original) The method of claim 12, further comprising:
selecting a portion of the received private database using a browser; and
displaying the selected portion of the received private database on a display residing on the wireless communication device using the browser.

18. (original) The method of claim 12, further comprising communicating an instruction to the remote database device that prevents association of the appliance ID

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with the security indicia so that communicating the private database to the wireless communication device is prevented.

19. (original) A system that remotely accesses a private database using a wireless communication device, the wireless communication device comprising:

a transceiver configured to receive and transmit radio frequency (RF) communications;

an appliance identification (ID) corresponding to a multiple-use unique identifier of the wireless communication device that is included in all transmitted RF communications from the wireless communication device; and

a processor configured to cause the transceiver to transmit a first RF communication to a database device having at least one private database, the first RF communication comprising the appliance ID and a private database access request so that the database device communicates the private database via a second RF communication only when the appliance ID corresponds to a security indicia residing in the database device associated with the private database, the security indicia.

20. (original) The system of claim 19, further comprising a memory configured to store the received private database.

21. (original) The system of claim 19, further comprising:

a display; and

a browser configured to display the received private database on the display.

22. (original) A system that provides accesses to a private database comprising:

a communication system interface configured to receive a private database access request and a multiple-use unique identifier (ID) generated by a remote wireless communication device and configured to transmit a private database to the remote wireless communication device;

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a security indicia that corresponds to the multiple-use unique ID, the multiple-use unique ID being included in all communications from the wireless communication device and uniquely identifying the wireless communication device; and

a processor configured to compare the multiple-use unique ID to the security indicia, and further configured to cause communication of the private database to the remote wireless communication device only when the multiple-use unique ID corresponds to the security indicia.

23. (original) The system of claim 22, further comprising a security code corresponding to a user associated with the private database, so that when the received ID is not initially associated with the security indicia, a password provided by the user of the remote wireless communication device causes the multiple-use unique ID to be associated with the security indicia when the password corresponds to the security code.

24. (original) A computer-readable medium having a program for remotely accessing remote private databases using a wireless communication device, the program comprising logic configured to:

cause a transceiver to transmit a first radio frequency (RF) communication comprising a private database access request and a multiple-use unique identifier that uniquely identifies the wireless communication device, the first RF communication directed to a remote database device wherein a private database resides, and wherein the multiple-use unique identifier is included in all RF communications from the wireless communication device; and

cause the transceiver to receive a second RF communication comprising at least the private database, the private database communicated to the wireless communication device by the remote database device only when the multiple-use unique identifier corresponds to a security number residing in the remote database device.

25. (currently amended) A method for communicating information from a private database to a wireless telephone, the method comprising:

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transmitting a radio frequency (RF) communication from the wireless telephone to a remote database device wherein the private database resides, the RF communication comprising at least a private database access request and comprising an appliance identification (ID) that uniquely identifies the wireless telephone, the appliance ID being included in all communications from the wireless telephone and uniquely identifying the wireless telephone;

receiving the private database access request and the the appliance ID by the remote database device;

comparing the appliance ID with a security indicia, the security indicia associated with the wireless communication device;

communicating the information of the private database from the remote database device when the appliance ID corresponds to the security indicia; and

receiving a second RF communication by the wireless telephone comprising at least the information of the private database.

26. (original) The method of claim 25 wherein the appliance ID is a telephone number.

27. (new) A method of software execution for remotely accessing a remote database using a portable wireless communication device (PWCD), the method comprising:

transmitting, via a radio frequency (RF) communication, an access request from the PWCD to the remote database, the access request including an identification of the remote database and an identification (ID) of the PWCD;

receiving, via an internet, the access request at the remote database; and

verifying, at the remote database, whether the ID is valid for allowing the PWCD to have access to information stored in the remote database.

28. (new) The method of claim 27 further comprising transmitting, via both the internet and the RF communication, the information from the remote database to the PWCD.

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29. (new) The method of claim 27 further comprising displaying, using a browser in the PWCD, information received from the remote database.

30. (new) The method of claim 27 wherein the PWCD is a cellular phone, and the ID is a cellular phone number of the cellular phone.

31. (new) The method of claim 27 further comprising recognizing, at the remote database, a cellular phone number in the access request for identifying the PWCD as authorized to access the information stored in the remote database.

32. (new) The method of claim 27 further comprising authenticating, without a user of the PWCD entering a password, whether the PWCD is authorized to access the information stored in the remote database.